

COLOR TELEVISION

SERVICE MANUAL

TK2016

(TK2026)

CONTENTS

Safety instruction.....	1
General instruction.....	1
Alignment instruction.....	2
Alignment flow	2
Alignment method.....	3
Block diagram.....	10
MAIN IC.....	11
Schematic diagram.....	16
APPENDIX:Exploded view	
Part list	

Note: This service manual is only for professional service personnel's reference. Before servicing the unit, please read the following items carefully.

1 Safety instruction

1.1 X-RAY radiation precaution

1.1.1 Excessive voltage will cause harmful X-ray. To avoid this radiation hazard, the high voltage should fall within the limitation. The appliance works at AC 120V, 60Hz. The high voltage of zero beam current(brightness, contrast and color is min) should be within 27kV on condition that the main power (B+) voltage is AC120V. And it should not exceed 28kV in any condition.

When servicing, please refer to the HIGH VOLTAGE CHECK procedure this service manual before check the high voltage and the high voltage meter should be reliable and accurate.

* Keep the main power voltage at 120V when checking the high voltage.

1.1.2 The primary source of X-RAY RADIATION is the CRT. The CRT of this TV set have gotten the approval of safety authentication inspection. The replacement CRT should be exactly the same type and specification CRT which has gotten a similar safety approval, and check the high voltage according to the HIGH VOLTAGE CHECK procedure.

1.2 safety precaution


a. Since the power supply circuit of this receiver is directly connected to the AC power line, an isolation transformer is necessary during dynamic service to avoid possible shock hazard.

b. Always discharge the graphite layer conductor when moving the CRT.

c. Disconnect the power cord before replacing parts.

d. When replacing high-power resistor, keep the resistor 10 mm away from the circuit board.

1.3 Component safety precaution

Many electrical and mechanical parts in the chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection. Replacement parts which have these special safety characteristics are identified in this manual and its supplement electrical components having such features are shaded or marked by  on the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same characteristic as specified in the parts list may create shock, fire, X-RAY RADIATION or other hazards.

2.General instruction

2.1 Copy the standard model data to let EEPROM (N702 24C08)of the chassis have those data before placing it on the unit, do "factory adjustment" if necessary. If use a blank EEPROM directly, you should preset IIC data and then do other common adjustment. Refer to TABLE1 to preset EEPROM.

2.2 the adjustment should be done under following circumstances without additional instruction

a) Alternating current 120V/60Hz

b) Preheat at least 30 min

2.3The unit has auto degaussing circuit, the auto degaussing process can be finished within 2s when the main power. only when turn on the unit at least 20min after last time turn off TV does the auto degaussing circuit work.

2.4 If the CRT with magnetism affects color purity and convergence, when the auto degaussing eraser. if the color purity and convergence are still not very good, then corresponding adjustment should be done. Refer to picture tube adjustment method for adjustment.

3 Alignment instruction

3.1 Debugging item

- a)adjust mode instruction
- b)B+ voltage adjustment
- c)RFAGC voltage adjustment
- d)focus adjustment
- e)Screen-grid voltage white balance, sub brightness adjustment
- f)filed scan center, line , amplitude adjustment
- g)H-scan center adjustment

3.2 Alignment flow

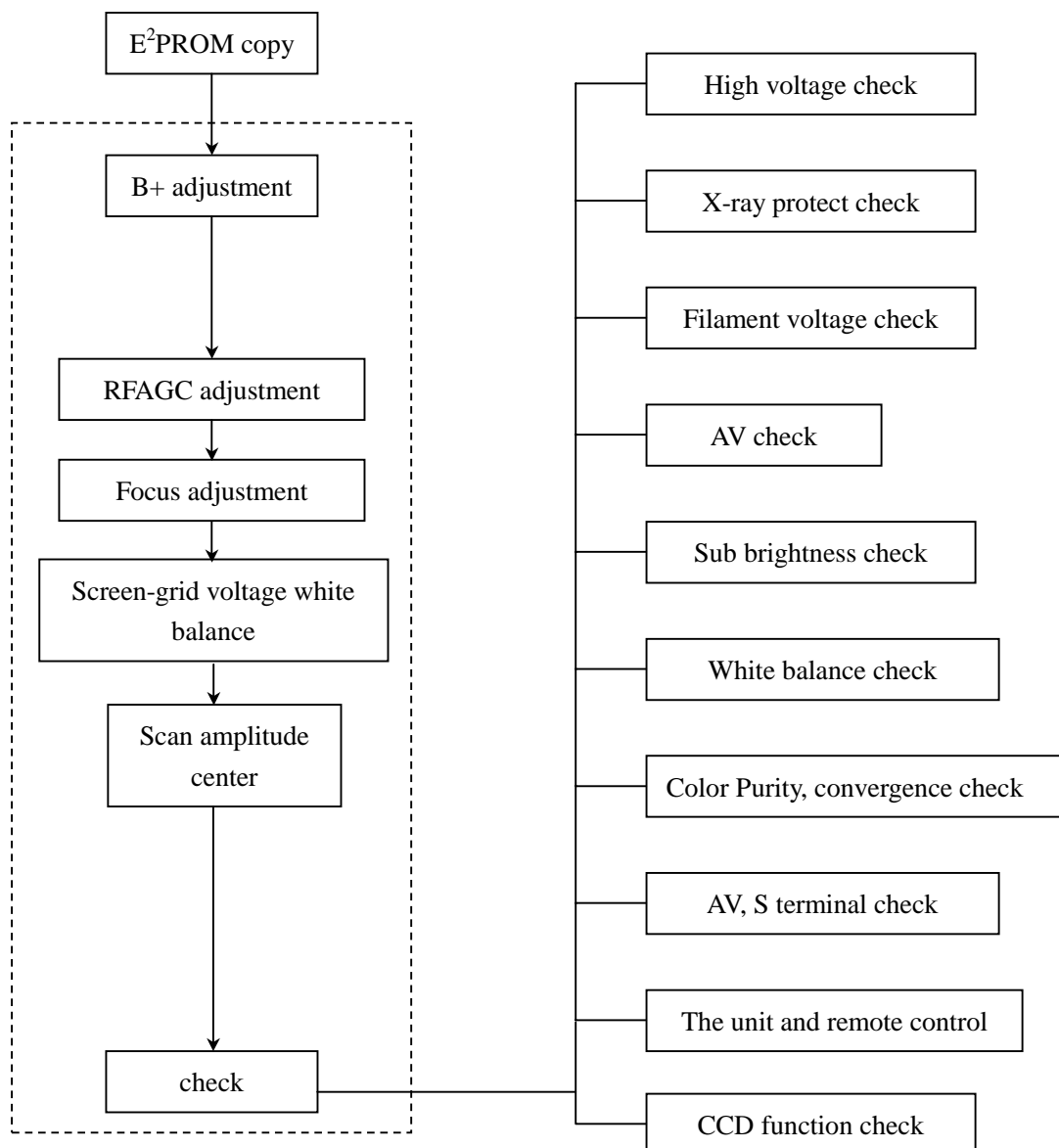


Fig-1 alignment flow

3.3 Enter/exit factory adjustment method

Use remote control, press "MENU" button, then press 6483, "TEST" will appear on screen to show that you have entered the factory adjustment method, press "STANDBY" to exit it. Use factory remote control, press the "PRESET" and "TEST" button, then the screen display "test" which means you have entered into the factory adjustment mode, press the "TEST" or "STANDBY" to exit.

3.4 select adjustment item and adjust data

after entering factory adjustment mode, press 1-4 number buttons to select menu 1- menu 4; To enter into MENU0, MENU5-MENU9, you may return to MENU1-MENU4 or just after you enter into "TEST" interface, quickly press "CHILD LOCK" button and then the number button (0,5-9) to enter into relative menus. Press "CH+" and "CH-" to select and "V+" and "V-" to adjust.

3.5 User purview

a).Factory adjustment mode menu1-menu4: only debugging worker, service checker, craftwork technician, designer may operate.

b).Factory adjustment mode menu0, menu5-menu9: only craftwork technician, designer may operate.

4 Alignment method

4.1 B+ voltage adjustment

- connect B+ point with a digital voltmeter to measure the negative pole of VD524
- receive PHILIPS test pattern signal and set the picture to standard.
- Adjust VR501 to let the value of B+ voltage be $110\text{ V} \pm 0.5\text{ V}$ (yongxin super pure flat)

4.2 AGC adjustment

- receive VHF-H band, 60 dB RF signal.
- Select factory menu2 of "AGC".
- Adjust AGC-TOP to let the picture just without noisy, then the voltage of tuner AGC is the required value for adjustment.
- exit factory menu

4.3 Normal temperature aging

- do not receive signals.
- under "Test" condition, set the accelerator to an appropriate point for aging.

4.4 Accelerator adjustment

- do not receive signals;
- select "SC" of factory menu3 to let the field scanning stop working.
- adjust acceleration potentiometer to let bright lines just appears on screen.
- exit SC menu.

4.5 High voltage check

Note: the main power voltage ($B+=110\text{ V}$) can affect the high voltage directly, so be sure to let the B+ power voltage accurate. Under any state, the high voltage should not exceed 28 kV.

a) connect an accurate high voltage meter between the second anode cap of picture tube and ground.

- turn on TV and receive testing card signal.
- set picture to standard, the high voltage should be $25\text{ kV} \pm 0.5\text{ kV}$.
- the high voltage should not exceed 27KV with minimum brightness and contrast.

4.6 Focus adjustment

- receive A12-PHILIPS (NTSC) signal

b) adjust focus electrode potentiometer on FBT to optimize B area focus of screen.

4.7 White balance adjustment (color temperature $12000^{\circ}\text{K} \pm 8\text{MPCD}$, $X=0.270 \pm 0.008$, $Y=0.283 \pm 0.008$)

a) receive full white signal, set color is 0

b) select factory menu3

c) on the basis of blue gun "BD", select and adjust "RD, GD" item to make white balance respectively at brightness $Y=6\text{cd/m}^2$, $Y=80\text{cd/m}^2$ meet standard (color temperature $12000^{\circ}\text{K} \pm 8\text{MPCD}$, $x=0.270 \pm 0.008$, $y=0.283 \pm 0.008$)

d) If at brightness $Y=6\text{cd/m}^2$ white balance can not meet standard, you may adjust "RB, GB" item, then repeat step C) until white balance meet standard.

4.8 Filed scanning adjustment (fig-2)

a) Receive NTSC of A12-PHILIPS test pattern signal.

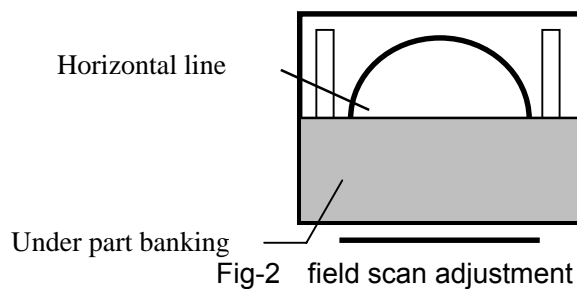
b) select factory menu1

c) adjust V-SLOPE menu to let the horizontal center line of test pattern above blanking.

d) select V-SHIFT menu and adjust to let the vertical center of picture coincide with vertical center of picture tube.

e) Select V-SIZE menu and adjust to let the vertical reproduction ratio of picture acceptable 8%.

f) Adjust V.SC to optimise the vertical S correction of picture.



4.9 Horizontal scanning adjustment (Fig-3)

a) Receive A12-PHILIPS(NTSC) signal

b) Select factory menu1

c) Select H.SHIFT menu and adjust to let the scanning horizontal center coincide with mechanical center of picture tube

d) Exit factory menu

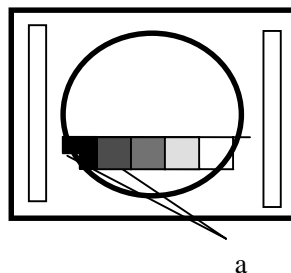


Fig-3 line scan adjustment

4.10 Sub-brightness adjustment

a) Receive A12-PHILIPS(NTSC) signal

b) Select "SB" of factory menu3

c) Adjust "SB" to let things between the sixth and seventh grey scale clear

4.11 OSD adjustment

a) Receive A12-PHILIPS(NTSC) signal

b) Select OSD H and OSD V of factory menu4. Adjust OSD H and OSD V to let OSD at a specified

place.

c) Exit factory menu

4.12. Checking point

4.12.1 High voltage check

- 1) Connect High Voltage meter between CRT second anode and GND.
- 2) Receive A7 signal, set the control to "STANDARD", measure the high voltage value, the reading should be $25\text{ kV} \pm 0.5\text{ kV}$
- 3) Set the brightness and contrast to minimum (zero beam current), measure the high voltage, the reading should not exceed 27 kV .

4.12.2 CRT filament voltage check

Receive A7 signal, set user control to "STANDARD" mode, use effective voltage meter to measure CRT filament voltage, the reading should be $(6.3 \pm 0.3)\text{ V}_{\text{rms}}$

4.12.3 X-ray protection check

- 1) Receive A7 signal, set user control to "STANDARD" mode.
- 2) Use voltmeter to measure VD482 positive pole to GND voltage, the reading should be between $1.0\text{ V} \sim 2.5\text{ V}$.
- 3) Use 5.3V DC regulated voltage power with 1K resistor in series to touch TP1 (VD482 positive pole), connect DC regulated voltage power negative pole to GND, X-Ray protection circuit should function, at this time the TV set should be without raster, without sound. Disconnect the DC regulated voltage power, picture and sound should restore to normal.

4.12.4 Picture and sound check

- 1) Receive standard TV signal.
- 2) Use picture control buttons to check color, contrast, brightness, sharpness, tint's function.
- 3) Use sound control buttons to check volume control function.

4.12.5 Sub-brightness check

Receive A7 signal, set brightness to 75, contrast to 50, color to 0, sharpness to 50, picture left side 1-6 lattices slightly light up.

4.12.6 Color purity and convergence check (in normal way)

4.12.7 AV terminals IN/OUT check, S-VIDEO in check, Y,Cb,Cr in check.

4.12.8 Other buttons on the TV set and remote controller function check.

4.13 Degaussing

- a) The unit has an auto degaussing circuit, the degaussing circuit works several seconds after turning on TV
- b) If you want to move TV or change the direction, turn off TV and ten minutes later the degaussing circuit will work
- c) For better degaussing effect, you can use magnetic eraser
- d) Move the magnetic eraser clockwise before your TV, when it is 2m away from your TV, turn off the magnetic eraser. If the effect is still not very good, you can adjust "color purity" and "convergence"

4.14 Color purity correction

- a) Turn on your TV
- b) At least 15 minutes later, use anti-magnetized coil for degaussing
- c) Obtain maximum brightness and contrast
- d) Select factory menu³ and adjust to let R and B be zero, then let only green raster appear on the screen at the moment
- e) Loosen screws of deflection yoke frame to let vertical green belt appear on screen only
- f) Move the rubber wedge
- g) Rotate along neck of picture tube and slide color-purity magnets until the green belt at the middle of screen and is vertical at the same time
- h) Slowly move the deflection yoke backward or forward until the whole green raster appears on screen, tighten the screws of the deflection yoke
- i) Check the color purity of red raster and blue raster
- j) Adjust white balance again to obtain white raster

4.15 Convergence correction

4.15.1 Central convergence correction

- a) Turn on your TV
- b) At least 15 minutes later, receive square test pattern signal
- c) Adjust brightness and contrast to get the best picture
- d) Adjust the angle of two tetrode magnetic rings to let the red vertical line coincide with the blue vertical line at middle of screen
- e) Keep the angle unchanged, move the two tetrode magnetic rings at the same time to let the red and blue horizontal lines coincide at middle of screen
- f) Adjust two hexode magnetic rings to let the green line coincide with the mixed line of red and blue. Adjust the angle between them will affect the vertical line, move them together will affect the horizontal line.
- g) Repeat d), e), f) and observe the movement of red, green and blue.

4.15.2 Ambient convergence correction

- a) Turn on your TV
- b) At least 15 minutes later, loosen the screws of the deflection yoke
- c) Fixate the rubber wedge temporarily under the deflection yoke
- d) Move the deflection yoke upward or downward to get best convergence, push the rubber wedge into space between picture tube and deflection yoke to fixate the deflection yoke temporarily
- e) Place the rubber wedge whose overlay paper has been removed at the bottom space
- f) Move the deflection yoke left and right to get best convergence
- g) Keep the condition unchanged, place another rubber wedge whose overlay paper has been removed also at the upper space at the same time
- h) Remove the interim rubber wedge, adhere it to picture tube and deflection yoke
- i) After placing three rubber wedges, check all the convergence again
- j) Stick three transparent viscous belts to the rubber wedge

4.16 Software adjustment instructions

4.16.1 instructions

This software contain MTS (option), English, French and Spanish of OSD, CCD and Parental Control function, FS tuner mode, 181 channel.

4.16.2 turn on the unit in the STANDBY state

Press CH+/CH- buttons turn on in the STANDBY state.

4.16.3 Information of software version

Enter MEU9 of the factory menu in the top.

4.16.4 “STANDARD”, “COLORFUL” and “SOFTNESS”

a).Enter MENU5 Mode of the factory menu

b).charge their for seemly analog quantity, then return standard option.

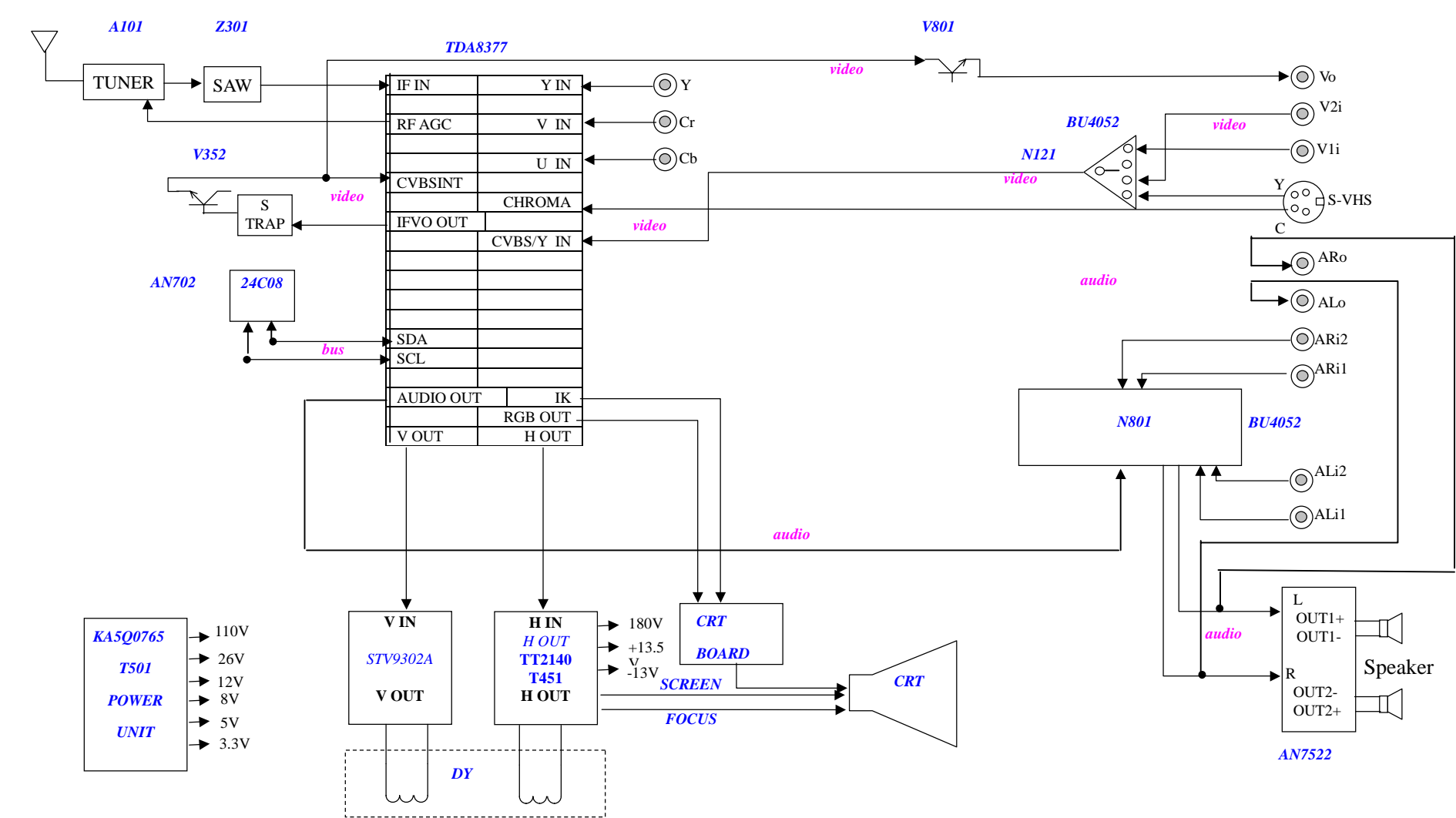
Chart 1 **I²C TDA (NOM)8377-B-6NA E²PROM** pre-set data
I²C standard UOC for export bus control adjustment item default setting

MI	Items	range	Preset
M0	SUBCON	0-63	56(sub-contrast)
	SUBCOL	0-63	56(sub-chroma)
	SUBSHP	0-63	48(sub-acutance)
	SUBTINT	0-63	31(sub-hue)
	AKB	ON/OFF	ON
M1	V.SLOPE	0-63	36(field center adjustment)
	V.SHIFT	0-63	32(field point adjustment)
	V.SIZE	0-63	36(field amplitude adjustment)
	V.SC	0-63	32(field line)
	HSHIFT	0-63	32(line point adjustment)
	PROGRAMA.NO		2(channel)
M2	AGCTAKEOVER	0-63	21(AGC adjustment)
	SHIPPING		0(leave factory set)
M3	BT	0-100	75(adjust white balance of brightness)
	CT	0-100	75(adjust white balance of brightness contrast)
	SC		0
	RB	0-63	32(red cut off level adjustment)
	GB	0-63	32(green cut off level adjustment)
	RD	0-63	32(red cut off level adjustment)
	GD	0-63	32(green cut off level adjustment)
	BD	0-63	32(blue cut off level adjustment)
	SB	0-63	40(sub brightness adjustment)
M4	OSD.V.POSITION	0-63	15(OSD position)
	OSD.H.POSITION	0-63	25(OSD H-position)
	BTSC-MODE	MONO/STEORO	MONO(STEORO,SAP)
	BTSC-ST	0-15	13
	BTSC-SP	0-15	12
	BTSC-L1	0-15	1

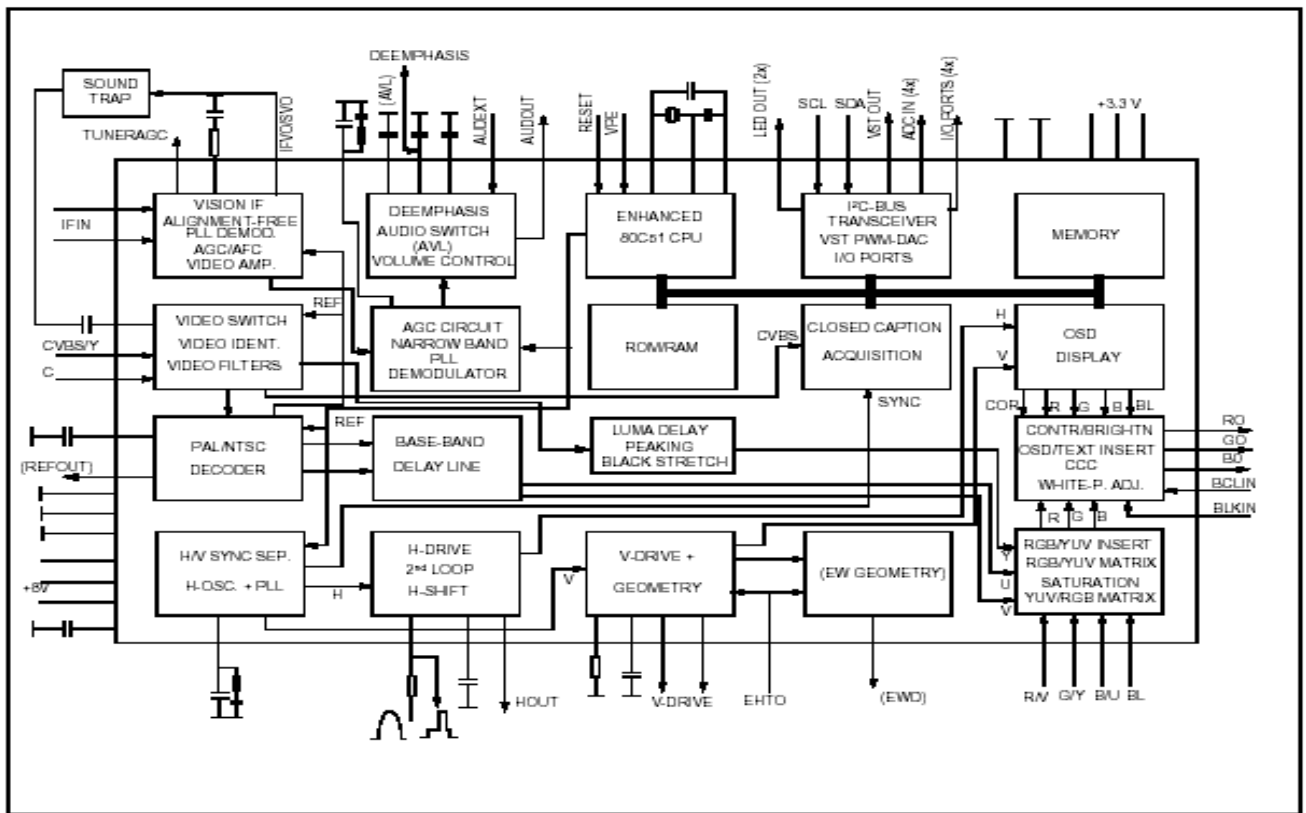
	BTSC-A1	0-31	15
	BTSC-A2	0-31	0
	BTSC-TC	0-7	0
	BTSC-ST5	0-1	0
	BTSC-ADJ		
M5	MODE		STANADARD(standard, soft, floweriness)
	BRIGHT	0-100	75
	CONTRAST	0-100	75
	COLOR	0-100	50
	SCBRIGHT	0-63	23
	YDELAYTV	0-15	12
	YDELAYAV	0-15	12
M6	OSO	0-1	1(field over-scan switch)
	AGCSPEED	0-3	1(AGC of speed)
	FFI	0-1	0(IF PLL SPEED)
	FMWS	0-1	1(frequency range of sound OFF=225KHZ,ON=450KHZ)
	RP0	0-3	0(pre-shock and over-shock scale)
	NTSCMATRIX	USA/JAPAN	USA
	VOLPIN	0-1	0(1:push-pull output; 0: OC gate output.)
	SOFT CLIP	0-3	3(white level limit)
	PEAK WHITE	0-15	15(peak white limit)
	CORING	0-1	0(coring noise reduction)
M7	AV2	0/1	1
	SVHS	0/1	1
	YUV	0/1	1
	VOLADJPOING		1(volume value have:1,25,50,75)
	VOLVALUE		20(volume curve value:20,60,75,90)
M8	CATHOOELEVEL	0-15	7(cathode level)
	UOCVOLUME	0/1	0(0:PWM terminal control; 1:UOC sound amplitude control of inside)
	FMATT	0-63	45(UOC sound output of amplitude) BTSC : 38
	COMBFILTRE	0-1	0(N comb filter)
	HEADPHONE	0-1	0(earphone function selection)
	VM OPTION	0/1	0(VM function selection)
	FRANCE	0/1	1 French
	SPANISH	0/1	1 Spaish
M9	NOM8377-B-6NA		
	STARTON	0-2	2(turn on)

	STARTTIME	6-15	8(turn on time)
	IF OFFSET	0-63	32(IF compensate)
	TUNER OPTION	0-2	0(BXATB011F---X/ BXATB108F---K) 1 (BXATB017F---K) 2(XXX)
	GAME	0/1	0
	GALEND A	0/1	0

Block diagram



MAIN IC 8377:



BLOCK DIAGRAM

ICs functional description

UOC TDA(OM)8377

SYMBOL	PIN	DESCRIPTION
STAND BY output.	1	In STAND BY mode, high level (Power OFF). For Power ON this pin will be reduced to low.
SCL	2	I ² C-bus clock line
SDA	3	I ² C-bus data line
TUNING	4	NC
P3.0/NTSC SW	5	NC
KEY	6	Control keys input
VOL	7	Sound Volume control PWM output
MUTE	8	Sound mute output
VSSC/P	9	Digit ground for μ -controller core and periphery
BAND1	10	NC
BAND2	11	NC
VSSA	12	Analog ground of teletext decoder and digital ground of TV-processor
SECPLL	13	PLL decoupling
VP2	14	2 nd supply voltage TV-processor(+8V)

DECDIG	15	decoupling digital supply of TV-processor
PH2LF	16	Phase-2 filter
PH1LF	17	Phase-1 filter
GND3	18	Ground 3 for TV-processor
DECBG	19	Band gap decoupling
AVL/EWD	20	Automatic volume leveling /EAST-WEST drive output
VDRB	21	Vertical drive B output
VDRA	22	Vertical drive A output
IFIN1	23	IF input 1
IFIN2	24	IF input 2
IREF	25	Reference current input
VSC	26	Vertical sawtooth capacitor
TUNER AGC	27	Tuner AGC output
AUDEEM/SIFIN1 *1	28	Audio deemphasis or SIF input
DECSDEM/SIFIN2	29	decoupling sound demodulator or SIF input 2
GND2	30	ground 2 for TV processor
SNDPLL/SIFAGC *1	31	narrow band PLL filter or AGC sound IF
AVL/SNDIF/REF0/ AMOUT *1	32	Automatic Volume Levelling / sound IF input / subcarrier reference output / audio deemphasis
HOUT	33	horizontal output
FBISO	34	flyback input/sandcastle output
AUDEXT/QSSO/ AMOUT *1	35	external audio output / QSS intercarrier out
EHTO	36	EHT/overvoltage protection input
PLL IF	37	IF-PLL loop filter
IFVO/SVO	38	IF video output / selected CVBS output
VP1	39	supply voltage TV processor
CVBS INT	40	internal CVBS input
GND1	41	ground for TV processor
CVBS/Y	42	CVBS/Y input
CHROMA	43	C input
AUDOUT/AMOUT *1	44	audio output /AM audio output (volume controlled)
INSSW2	45	2nd RGB / YUV insertion input
R2/VIN	46	2nd R input / V (R-Y) input / PR input
G2/YIN	47	2nd G input / Y input
B2/UIN	48	2nd B input / U (B-Y) input / PB input
BCLIN	49	beam current limiter input
BLKIN	50	black current input / V-guard input
RO	51	Red output
GO	52	Green output
BO	53	Blue output
VDDA	54	analog supply of Closed Caption decoder and digital supply of

		TV-processor (3.3 V)
VPE	55	OTP Programming Voltage
VDDC	56	digital supply to core (3.3 V)
OSCGND	57	oscillator ground supply
XTALIN	58	crystal oscillator input
XTALOUT	59	crystal oscillator output
RESET	60	reset
VDDP	61	digital supply to periphery (+3.3 V)
P1.0/INT1	62	TV/AV (AV1) / AV2 /S-VHS mode Output.
P1.1/T0	63	TV/AV (AV1) / AV2 /S-VHS mode Output.
P1.2/INT0	64	Remote control signal input.

AN7522/AN17821A Function : audio output

Symbol	PIN	Function	Symbol	PIN	Function
Vcc	1	Power supply	GND	7	ground
Out 1 (+)	2	Ch 1 output (+)	In 2	8	Ch 2 input
GND(out 1)	3	Ch 1Ground	VOL	9	Volume Control
Out 1 (-)	4	Ch 1 output (-)	Out 2 (-)	10	Ch 2 output (-)
Standby	5	Mute input	GND(out 2)	11	Ch 2 Ground
In 1	6	Ch 1 input	Out 2 (+)	12	Ch 2 output (+)

STV9302A/LA78040 Function : vertical output

Symbol	PIN	Function	Symbol	PIN	Function
INV IN	1	Input	V OUT	5	Vertical output
VCC1	2	Power	VCC2	6	Output power supply
PUMP UP	3	Pump up power	NON INV IN	7	Negative feedback
GND	4	Ground			

IC voltages

TDA(OM)8377

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
V	2.8	3.8	3.6	3.3	3.5	3.5	0.1	0.1	0	5.4	0.1	0	2.3	8	5	3
PIN	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
V	4	0	4	0.9	0.7	0.8	1.9	1.9	3.9	3.8	1.6	3.2	3.4	0	2.4	0.1
PIN	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
V	0.6	0.5	3.7	1.7	2.4	3.1	8	3.8	0	3.4	1.5	3.6	2.3	2.6	2.6	2.6
PIN	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
V	2.3	7.2	2.7	2.7	2.7	3.5	0	3.5	0.1	1.7	1.8	0	3.5	0.1	0.1	5

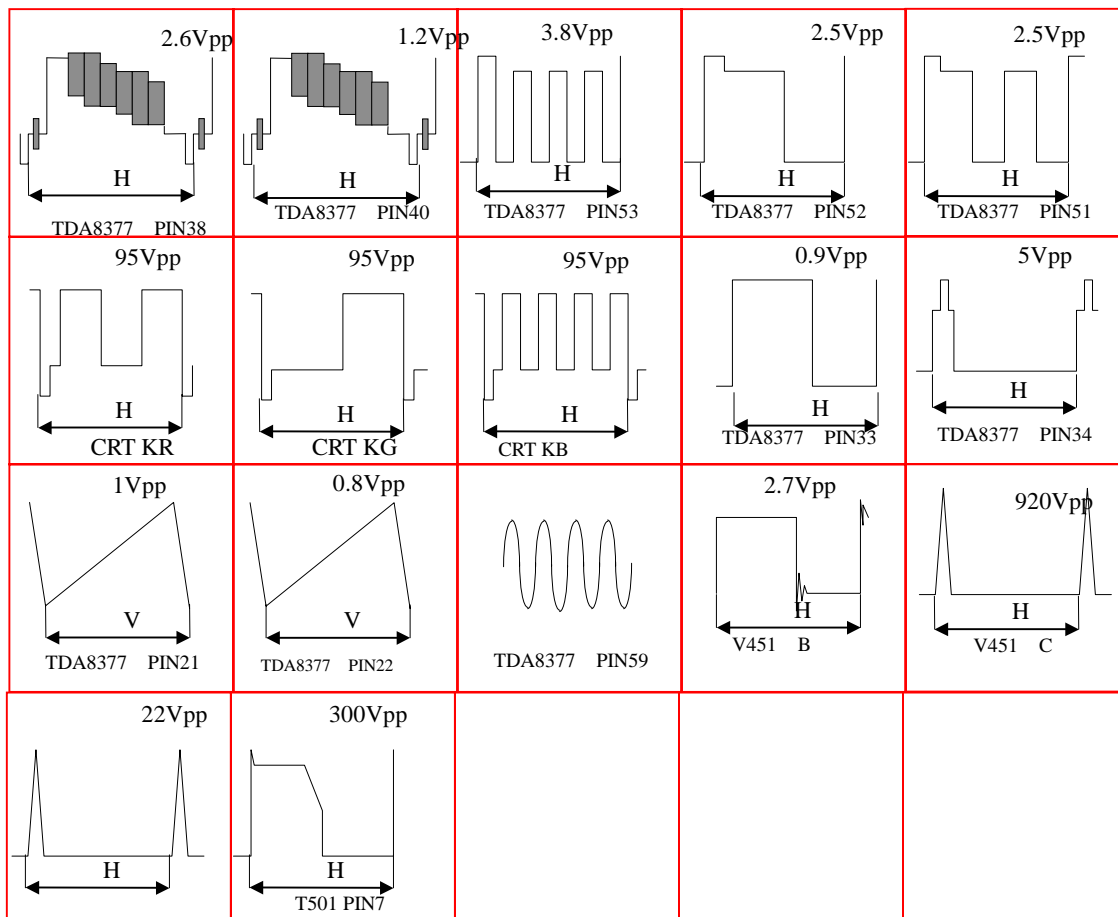
STV9302A/LA78040

PIN	1	2	3	4	5	6	7
V	0.7	15	-12	-15	0.3	15.9	-0.07

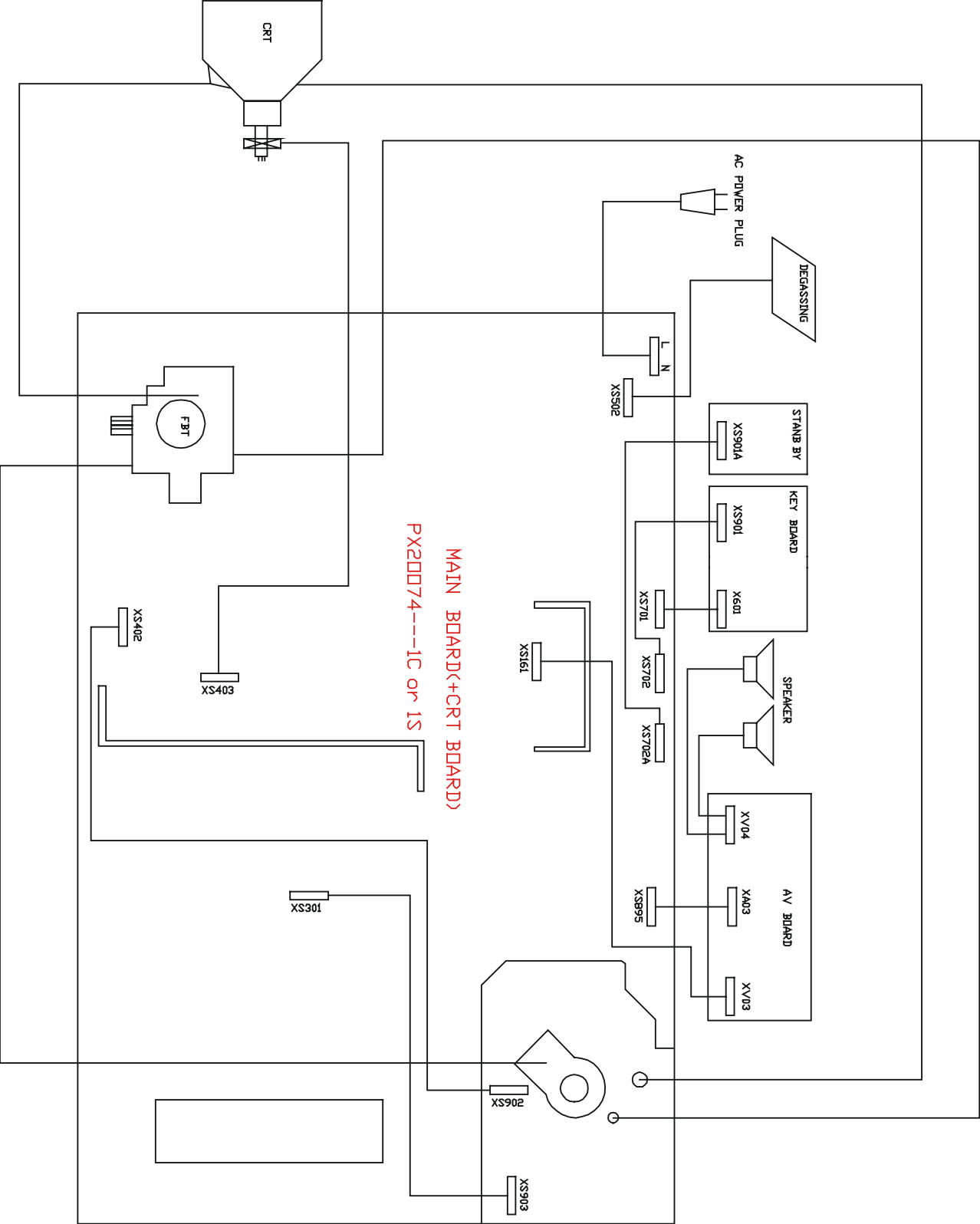
AN 7522/AN17821A

PIN	1	2	3	4	5	6	7	8	9	10	11	12	
V	12	7	0	7	3.3	1.4	0	1.4	0	7	0	7	


6. Test point Waveforms




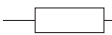
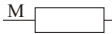
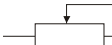
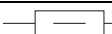

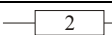
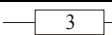





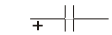
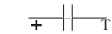
Wiring diagram

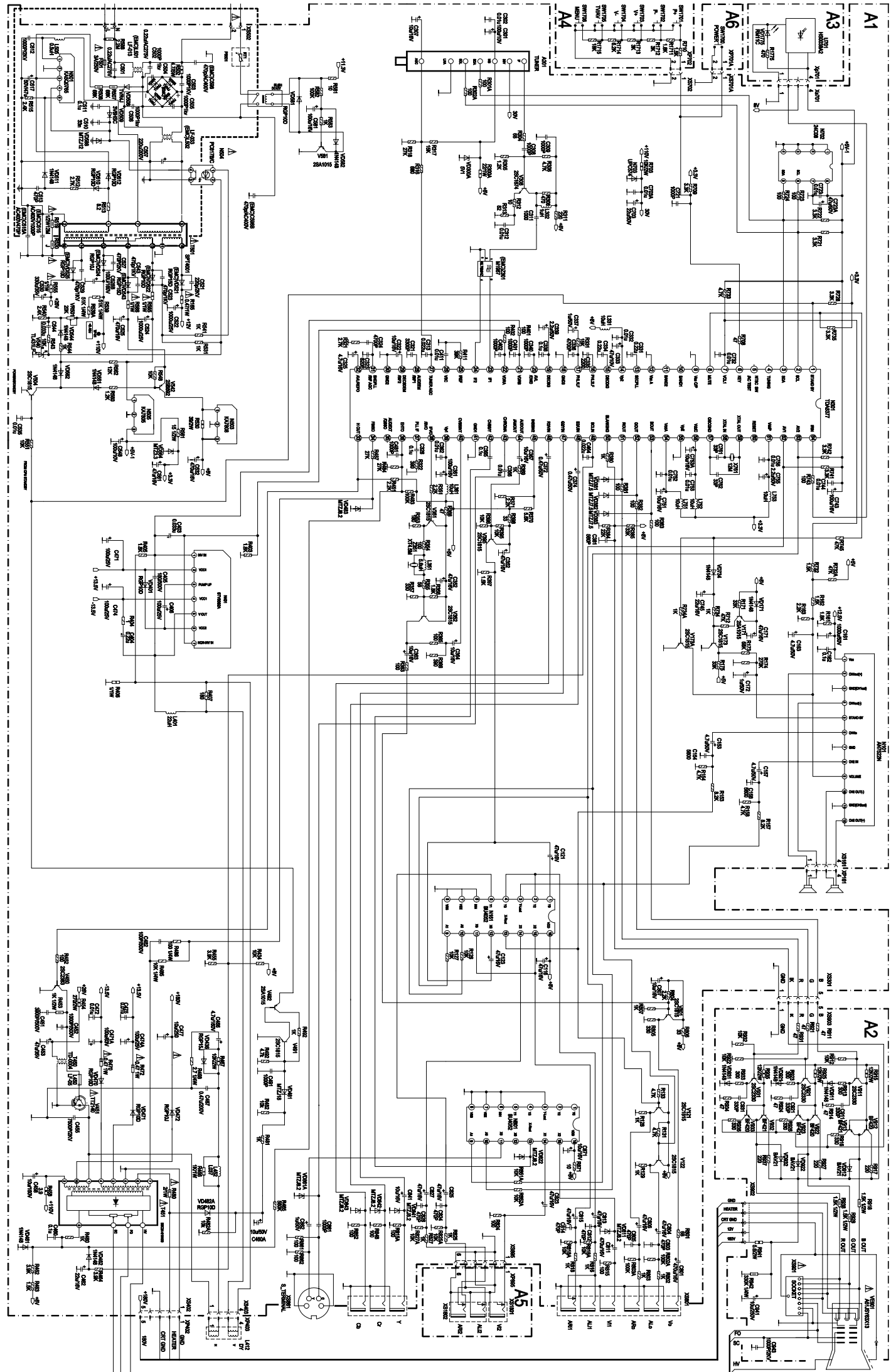


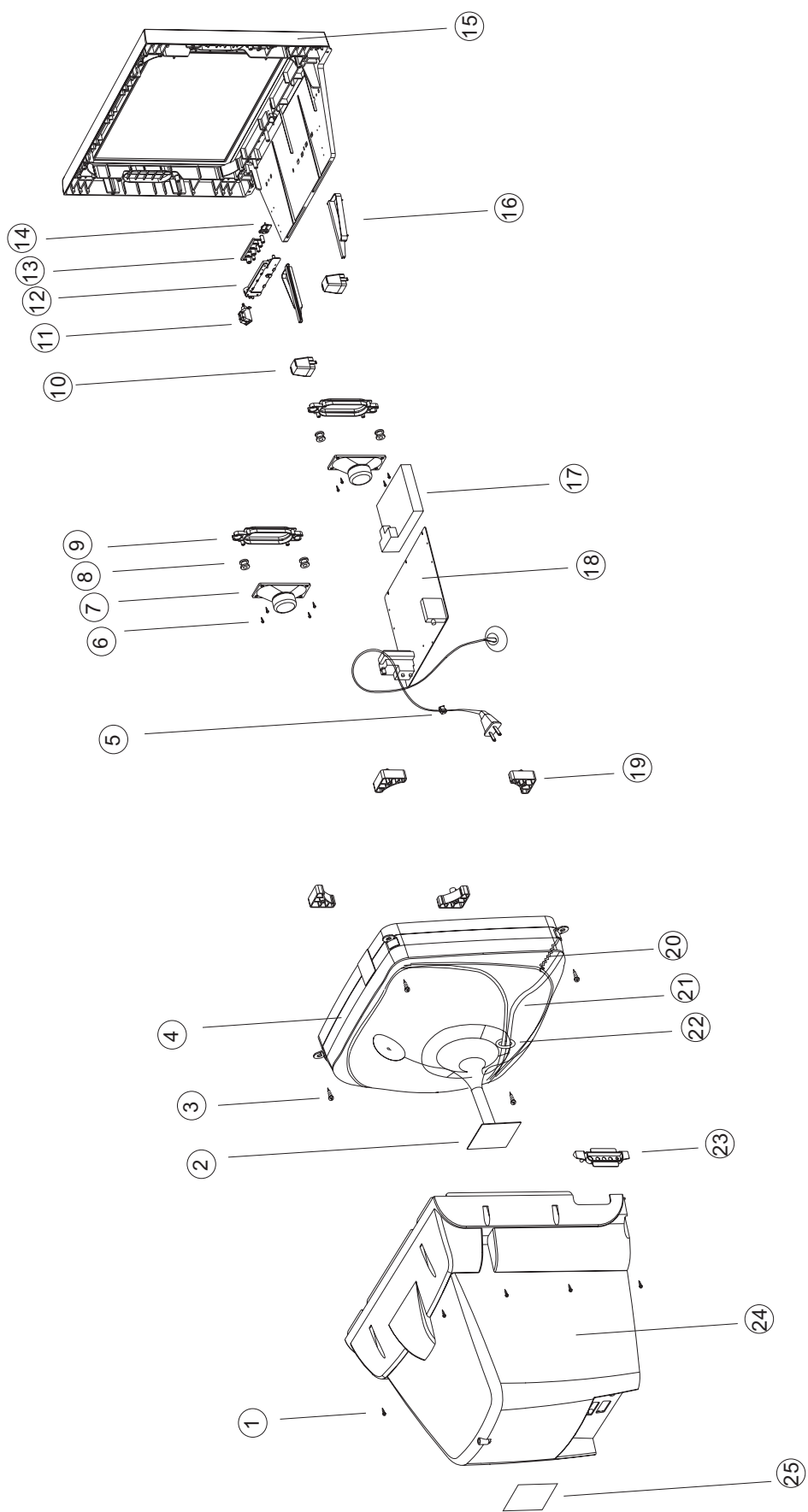
SCHEMATIC DIAGRAM

CAUTION: all the parts in the schematic diagram marked with shadows and the signs of  are extremely important for safety. In case of replacement of any part of components. Be sure to consult the service manual carefully.

1. the schematic diagram is characteristic. The various values in the electric circuits are basic data, which are changeable according to the various basic circuits.
2. testing waves are obtained by inputting the standard color bar of the signed.
3. resistance unit is in Ohm, namely: K=1000; M=1000K; Capacitance unit is in μF ; P= $\mu\mu\text{F}$ ($\mu=10^{-6}$)
4. Unless otherwise noted inside, all resistors are 1/6W, the withstand voltage of all capacitors are 50V.
5. Inductance unit is in μH .
6. The mark  in the diagram means Ferrite ring
7. The symbols of various types of resistors and capacitors are listed as follows:

Carbon film resistor	
Metal film resistor	
Potentiometer resistor	
1/2w resistor	
1w resistor	
2w resistor	
3w resistor	
Ceramic capacitor	
AC Ceramic capacitor	
Terylene capacitor	
Polypropylene capacitor	
Metal Terylene capacitor	
Aluminium electrolyse capacitor	
Tantalum electrolyse capacitor	





PART LIST OF EXPLODED VIEW

No.	DESCRIPTION	PART NO.
1	SCREW	851-24020-14
2		
3	COMPONENT SCREW ST6X24BT-D.Zn	855-96024-31
4	CRT A51KQK99X01 !	335-21225-00U
5		
6	SCREW SJ2825 ST3X10FT-D.Zn	851-53010-31
7	SPEAKER ST512-02	384-40908-U0
8	WASHER	868-20217-00
9	SPEAKER BRACKET	870-20854-00
10	CRT SUPPORT	868-20491-00
11	TOUCH SWITCH KFC-A06-4X4.5X5B	360-10001-00
12	BUTTON BOARD ASSY	667-TK2026-05
13	BUTTON	877-60546-00
14	LED COLUMN	700-60156-00
15	FRONT CABINET	611-30358J0H1
16	LEFT LEAD TRACK/RIGHT LEAD TRACK	870-20845/20846-00
17		
18	MAIN BOARD ASSY	667-TKP50-01A
19	CRT FIXER	868-20472-00D
20	BRAIDED PULLING SPRING	838-10012-00
21	BRAIDED WIRE	123-30001-04
22	LINE CLASP	742-30006-09
23	SIDE AV BRACKET	870-20843-40
24	REAR CABINET	780-10915-J40A
25	REAR NAMEPLATE	880-10205-788A

	PART LIST	
PART#	DESCRIPTION	LOCA.NO.
203-TK20260-11	TK2016, BRAND PRIMA,N-M,CUL SILVERY	
100-TK20260-01	TK2026	
123-30001-04	TWIST WIRE	
602-TK2026-01	SCHEMATIC DIAGRAM	
611-30358J0H1	FRONT CABINET ASS'Y (HIPS V0 SILVER WHITE 03	
655-62101-01	(6-PINS) LEAD WITH HOUSING	
700-60156-00	LED LED COLUMN	
742-30005-09	LINE TIE	
742-30006-09	GRADING TIE	
742-30032-00	TIE	
742-30032-00	TIE	
742-30038-00	TIE	
742-30060-00	POWER CORD CLAMPE	
770-37112-40	RV105 12X0.15 370mm BLACK	
780-10915-J40A	BACK CABINET (HIPS V0 MOLD GREY)	
808-70239-00	EVA GLUE 150X50X1	
838-10012-00	BRAIDED WIARE SPRING	
851-24016-14	SCREW SJ2824 ST4X16C-Y	
851-24020-14	SCREW SJ2824 ST4X20C-Y	
851-24020-14	SCREW SJ2824 ST4X20C-Y	
851-53010-11	SCREW SJ2825 ST3X10C-D.Zn	
851-53010-31	SCREW SJ2825 ST3X10FT-D.Zn	
851-53010-31	SCREW SJ2825 ST3X10FT-D.Zn	
851-53010-31	SCREW SJ2825 ST3X10FT-D.Zn	
851-53012-14	SCREW SJ2825 ST3X12C-D.Zn	
851-53018-11	SCREW SJ2825 ST3X18C-D.Zn	
855-A0029-00	SCREW ST4X14	
855-96024-31	COMPOSE SCREW ST6X24BT-D.Zn	
857-10002-09	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
857-10004-00	COTTON FLANNEL	
863-80747-00	POLY FOAM (TOP) (SMALL)	
863-80748-00	POLY FOAM (BOTTOM) (SMALL)	
868-20007-00	SLEEVE	
868-20142-03	RUBBER WASHER (ø3.0)	
868-20175-00	SUPPORT CUSHION	
868-20465-00	CUSHION	
868-20472-00D	CRT FIXER	
868-20491-00	CRT SUPPORT	
870-20845-00	LEFT LEADING TRACK	

870-20846-00	RIGHT LEADING TRACK	
881-60085	BLANK WARNING LABEL	
887-20044-01	POWER CORD COVER	
887-20171-00	PALSTIC BAG 70-500-0.06	
887-21096-P0	PE/PEARL COTTONPALSTIC BAG 1100X1000	
887-21135-00	CLASPER PALSTIC BAG 230X330X0.1	
335-21225-00U	CRT A51KQK99X01THICK !	
604-TK20267-01	OWNER'S MANUALPRIMA MTS NEWCPU	
808-6B758-04	INTERFACE SPACE PLATE (SILK-SCREEN)	
880-10205-788A	BACK PLATE (TK2016,PRIMA)	
880-10589-A1	FRONT LOGO (PRIMA SILVERY GREY 10C 21"	
881-61884-00	CSA WARNING LABEL	
881-63016-00A	POWER SYMBOL LABEL (T2751)	
881-63703-00	BAR CODE LABEL (69020732026)	
881-80667-00	REGISTER CARD (PRIMA)	
881-80671-00	SERVICE CARD (20-24 CRT)	
886-31132-136	CARTON BOX (TK2016,PRIMA)	
615-20100-00	SPEAKER ASS'Y	
384-40908-U0	SPEAKER ST512-02	
655-61201-154	(6-PINS) LEAD WITH HOUSING	
851-53010-31	SCREW SJ2825 ST3X10FT-D.Zn	
868-20217-00	WASHER	
870-20854-00	SPEAKER BRACKET	
667-K20251-05	Stand By KEY BOARD ASS'Y	
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	
665-2E301-24	(2-PINS) LEAD WITH HOUSING	
782-13Y90-050A	BUTTON PCB	
667-TKP50-01A	MAIN PCB ASS'Y	
364-32101-00	2-PINS CONNECTORS TJC3-02A	XS702
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C121
467-2E120-H0	METAL RESISTOR 1/2W-200Ω-JL	R407
491-70240-02	POWER CORD UL !	
535-TK2050-01W	OUTSOURCING ASS'Y	
340-00001-00	DIODE 1N4148	VD911
364-32101-00	2-PINS CONNECTORS TJC3-02A	XS702A
364-34101-00	4-PINS CONNECTORS TJC3-04A	XS701
364-36102-00	6-PINS CONNECTORS TJC2-6A	XS403
459-B222M-20	CERAMIC CAPACITOR ECK-DNS222MEX !	
459-2133K-90	CERAMIC CAPACITOR RBU07SL331K-H46CA	C911

459-2147H-90	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C732
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C322
464-6D610-M0	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C751
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C723A
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C815
464-6D710-M0	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	C743
464-6D733-M0	ELECTROLYTIC CAPACITOR CD110-16V-330uF-M	C581
464-60510-M0	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C841
464-60522-M0	ELECTROLYTIC CAPACITOR CD110-50V-2.2uF-M	C755
464-60547-M0	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C340
464-60547-M0	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C340
467-1C022-H0	CARBON RESISTOR 1/6W-22Ω-J	R914
467-1C130-H0	CARBON RESISTOR 1/6W-300Ω-J	R913
467-1C310-H0	CARBON RESISTOR 1/6W-10K-J	C535
467-2D218-G0	METAL RESISTOR 1/4W-1.8K-G	R403
467-2D218-G0	METAL RESISTOR 1/4W-1.8K-G	R405
467-2E210-H0	METAL RESISTOR 1/2W-1kΩ-JL	R460
467-8E522-H0U	SOLID RESISTOR 1/2W-2.2MΩ-JL !	R588
471-2001K-00	PEAKING COIL SPT0305-1R0K-5	L302
475-25451-00	CERAMIC TRAP FILTER XT4.5MB	Z351
666-12301-00	FERRITE BEAD TY23X13.5X6	
666-13501-00	FERRITE BEAD TBL-P# 2122651A	V451-C
666-13501-00	FERRITE BEAD TBL-P# 2122651A	V451-B
681-40003-00	OK LABEL	
742-30005-09	LINE TIE	
742-30005-09	LINE TIE	
775-60044-00	SOCKET PIN RT-01T-1.3B	TP2
775-60044-00	SOCKET PIN RT-01T-1.3B	TP3
881-60074-00	HIGH VOLTAGE WARNING LABEL	
998	JUMPER WIRE	W025
742-30005-09	LINE TIE	
775-10054-00	SOLDERING BLADE	L
775-10054-00	SOLDERING BLADE	N
998	JUMPER WIRE	W101A
998	JUMPER WIRE	W102A
459-2133K-902	CERAMIC CAPACITOR RBU07SL331K-H46CA	C323
462-B0233-H02	POLYESTER CAPACITOR CL21X-50V-3300PF-J	C321
462-00256-H02	POLYESTER CAPACITOR CL11-100V-5600PF-J	C154
462-00256-H02	POLYESTER CAPACITOR CL11-100V-5600PF-J	C158
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C123
467-1C033-H03	CARBON RESISTOR 1/6W-33Ω-J	R398
467-1C047-H03	CARBON RESISTOR 1/6W-47Ω-J	R921

467-1C047-H03	CARBON RESISTOR 1/6W-47Ω-J	R931
467-1C215-H03	CARBON RESISTOR 1/6W-1.5K-J	R397
467-1C256-H03	CARBON RESISTOR 1/6W-5.6K-J	R481
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R395
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R396
340-00001-003	DIODE 1N4148	VD171
340-00001-003	DIODE 1N4148	VD461
340-00001-003	DIODE 1N4148	VD462
340-00001-003	DIODE 1N4148	VD511
340-00001-003	DIODE 1N4148	VD544
340-00001-003	DIODE 1N4148	VD561
340-00001-003	DIODE 1N4148	VD562
340-00001-003	DIODE 1N4148	VD734
340-00001-003	DIODE 1N4148	VD921
340-00001-003	DIODE 1N4148	VD931
340-00001-003	DIODE 1N4148	VD582
340-51790-003	*ZENER DIODE HZ18C2	VD481
459-2133K-902	CERAMIC CAPACITOR RBU07SL331K-H46CA	C921
459-2133K-902	CERAMIC CAPACITOR RBU07SL331K-H46CA	C931
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C803
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C805
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C812
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C814
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C824
459-2147H-902	CERAMIC CAPACITOR CC1-12-SL-63V-471J	C826
459-2156K-002	CERAMIC CAPACITOR CT1-06-2B4-63V-561K	C381
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C308
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C311
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C401
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C402
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C721
459-2210K-002	CERAMIC CAPACITOR CK45-B1H102KYR	C861
459-2222K-002	CERAMIC CAPACITOR CT1-08-2B4-63V-222K	C335
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C309
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C313
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C332
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C362
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C472
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C475
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C723
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C744
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C752

459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C756
459-2310R-002	CERAMIC CAPACITOR CK45-F1H103ZYZR	C399
459-2410R-002	CERAMIC CAPACITOR DD308-63F104Z50	C302
459-2410R-002	CERAMIC CAPACITOR DD308-63F104Z50	C703A
459-5122K-002	CERAMIC CAPACITOR RQC05B221K-6H46UA	C405
459-5147K-002	CERAMIC CAPACITOR RQC05B471K-H46CA	C513
459-5210K-002	CERAMIC CAPACITOR CK45-B2H102KYR	C452
459-5239K-002	CERAMIC CAPACITOR CK45-B2H392KYR	C451
462-B0422-H02	POLYESTER CAPACITOR CL21X-50V-0.22uF-J	C491
462-00333-H02	POLYESTER CAPACITOR CL11-100V-0.033uF-J	C403
462-00333-H02	POLYESTER CAPACITOR CL11-100V-0.033uF-J	C510
462-00333-H02	POLYESTER CAPACITOR CL11-100V-0.033uF-J	C544
462-00410-H02	POLYESTER CAPACITOR CL11-100V-0.1uF-J	C460
464-6C710-M02	ELECTROLYTIC CAPACITOR CD110-10V-100uF-M	C301
464-6C710-M02	ELECTROLYTIC CAPACITOR CD110-10V-100uF-M	C548
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C163A
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C172
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C363
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C364
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C367
464-6D610-M02	ELECTROLYTIC CAPACITOR CD110-16V-10uF-M	C807
464-6D622-M02	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C745
464-6D622-M02	ELECTROLYTIC CAPACITOR CD110-16V-22uF-M	C352
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C116
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C171
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C333
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C561
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C811
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C823
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C871
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C804
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C806
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C813
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C825
464-6D647-M02	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C827
464-6D710-M02	ELECTROLYTIC CAPACITOR CD110-16V-100uF-M	C361
464-6D747-M02	ELECTROLYTIC CAPACITOR CD110-16V-470uF-M	C525
464-6D747-M02	ELECTROLYTIC CAPACITOR CD110-16V-470uF-M	C532
464-6D747-M02	ELECTROLYTIC CAPACITOR CD110-16V-470uF-M	C801
464-6E710-M02	ELECTROLYTIC CAPACITOR CD110-25V-100uF-M	C471A
464-6E710-M02	ELECTROLYTIC CAPACITOR CD110-25V-100uF-M	C474A
464-6E722-M02	ELECTROLYTIC CAPACITOR CD110-25V-220uF-M	C471

464-6E722-M02	ELECTROLYTIC CAPACITOR CD110-25V-220uF-M	C474
464-6F647-M02	ELECTROLYTIC CAPACITOR CD110-35V-47uF-M	C453
464-6F647-M02	ELECTROLYTIC CAPACITOR CD110-35V-47uF-M	C460A
464-6F710-M02	ELECTROLYTIC CAPACITOR CD110-35V-100uF-M	C406
464-60447-M02	ELECTROLYTIC CAPACITOR CD110-50V-0.47uF-M	C372
464-60447-M02	ELECTROLYTIC CAPACITOR CD110-50V-0.47uF-M	C374
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C163
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C337
464-60510-M02	ELECTROLYTIC CAPACITOR CD110-50V-1uF-M	C862
464-60522-M02	ELECTROLYTIC CAPACITOR CD110-50V-2.2uF-M	C339
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C325
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C464
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C481
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C153
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C157
464-60547-M02	ELECTROLYTIC CAPACITOR CD110-50V-4.7uF-M	C307
464-60622-M02	ELECTROLYTIC CAPACITOR CD110-50V-22uF-M	C703
464-60647-M02	ELECTROLYTIC CAPACITOR CD110-50V-47uF-M	C462
464-60647-M02	ELECTROLYTIC CAPACITOR CD110-50V-47uF-M	C517
464-62547-M02	ELECTROLYTIC CAPACITOR CD288-160V-4.7uF-M	C466
467-1C022-H03	CARBON RESISTOR 1/6W-22Ω-J	R924
467-1C022-H03	CARBON RESISTOR 1/6W-22Ω-J	R934
467-1C033-H03	CARBON RESISTOR 1/6W-33Ω-J	R806
467-1C047-H03	CARBON RESISTOR 1/6W-47Ω-J	R368
467-1C047-H03	CARBON RESISTOR 1/6W-47Ω-J	R708
467-1C047-H03	CARBON RESISTOR 1/6W-47Ω-J	R911
467-1C056-H03	CARBON RESISTOR 1/6W-56Ω-J	R355
467-1C056-H03	CARBON RESISTOR 1/6W-56Ω-J	R801
467-1C068-H03	CARBON RESISTOR 1/6W-68Ω-J	R304
467-1C082-H03	CARBON RESISTOR 1/6W-82Ω-J	R313
467-1C082-H03	CARBON RESISTOR 1/6W-82Ω-J	R815
467-1C082-H03	CARBON RESISTOR 1/6W-82Ω-J	R824
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R301A
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R302A
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R363
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R365
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R366
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R381
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R382
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R383
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R401
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R402

467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R452
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R723
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R724
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R743
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R861
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R862
467-1C110-H03	CARBON RESISTOR 1/6W-100Ω-J	R354
467-1C115-H03	CARBON RESISTOR 1/6W-150Ω-J	R815A
467-1C115-H03	CARBON RESISTOR 1/6W-150Ω-J	R848
467-1C115-H03	CARBON RESISTOR 1/6W-150Ω-J	R852
467-1C115-H03	CARBON RESISTOR 1/6W-150Ω-J	R304A
467-1C118-H03	CARBON RESISTOR 1/6W-180Ω-J	R353
467-1C118-H03	CARBON RESISTOR 1/6W-180Ω-J	R805
467-1C122-H03	CARBON RESISTOR 1/6W-220Ω-J	R311
467-1C122-H03	CARBON RESISTOR 1/6W-220Ω-J	R917
467-1C122-H03	CARBON RESISTOR 1/6W-220Ω-J	R927
467-1C122-H03	CARBON RESISTOR 1/6W-220Ω-J	R937
467-1C130-H03	CARBON RESISTOR 1/6W-300Ω-J	R923
467-1C130-H03	CARBON RESISTOR 1/6W-300Ω-J	R933
467-1C133-H03	CARBON RESISTOR 1/6W-330Ω-J	R916
467-1C133-H03	CARBON RESISTOR 1/6W-330Ω-J	R926
467-1C133-H03	CARBON RESISTOR 1/6W-330Ω-J	R936
467-1C139-H03	CARBON RESISTOR 1/6W-390Ω-J	R322
467-1C139-H03	CARBON RESISTOR 1/6W-390Ω-J	R775
467-1C147-H03	CARBON RESISTOR 1/6W-470Ω-J	R308
467-1C168-H03	CARBON RESISTOR 1/6W-680Ω-J	R316
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R128
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R129
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R369
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R380
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R464
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R531
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R541
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R544
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R734
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R802
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R803
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R816
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R818
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R825
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R827
467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R492

467-1C210-H03	CARBON RESISTOR 1/6W-1K-J	R351
467-1C212-H03	CARBON RESISTOR 1/6W-1.2K-J	R305
467-1C212-H03	CARBON RESISTOR 1/6W-1.2K-J	R560
467-1C215-H03	CARBON RESISTOR 1/6W-1.5K-J	R732
467-1C222-H03	CARBON RESISTOR 1/6W-2.2K-J	R371
467-1C222-H03	CARBON RESISTOR 1/6W-2.2K-J	R451
467-1C224-H03	CARBON RESISTOR 1/6W-2.4K-J	R515
467-1C227-H03	CARBON RESISTOR 1/6W-2.7K-J	R540
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R463
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R702
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R721
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R722
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R728
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R735
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R741
467-1C233-H03	CARBON RESISTOR 1/6W-3.3K-J	R742
467-1C239-H03	CARBON RESISTOR 1/6W-3.9K-J	R455
467-1C239-H03	CARBON RESISTOR 1/6W-3.9K-J	R462
467-1C239-H03	CARBON RESISTOR 1/6W-3.9K-J	R321
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R131
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R133
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R154
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R158
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R306
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R733
467-1C247-H03	CARBON RESISTOR 1/6W-4.7K-J	R491
467-1C256-H03	CARBON RESISTOR 1/6W-5.6K-J	R370
467-1C256-H03	CARBON RESISTOR 1/6W-5.6K-J	R583
467-1C262-H03	CARBON RESISTOR 1/6W-6.2K-J	W555
467-1C282-H03	CARBON RESISTOR 1/6W-8.2K-J	R153A
467-1C282-H03	CARBON RESISTOR 1/6W-8.2K-J	R157A
467-1C282-H03	CARBON RESISTOR 1/6W-8.2K-J	R562
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R126
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R127
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R163
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R434
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R482A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R543
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R548
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R816A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R818A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R825A

467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R827A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R851A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R852A
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R912
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R922
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R932
467-1C310-H03	CARBON RESISTOR 1/6W-10K-J	R709
467-1C315-H03	CARBON RESISTOR 1/6W-15K-J	R331
467-1C318-H03	CARBON RESISTOR 1/6W-18K-J	R804
467-1C322-H03	CARBON RESISTOR 1/6W-22K-J	R162
467-1C322-H03	CARBON RESISTOR 1/6W-22K-J	R384
467-1C327-H03	CARBON RESISTOR 1/6W-27K-J	R484
467-1C327-H03	CARBON RESISTOR 1/6W-27K-J	R487
467-1C333-H03	CARBON RESISTOR 1/6W-33K-J	R171
467-1C333-H03	CARBON RESISTOR 1/6W-33K-J	R175
467-1C333-H03	CARBON RESISTOR 1/6W-33K-J	R317
467-1C333-H03	CARBON RESISTOR 1/6W-33K-J	R385
467-1C347-H03	CARBON RESISTOR 1/6W-47K-J	R172
467-1C347-H03	CARBON RESISTOR 1/6W-47K-J	R732A
467-1C347-H03	CARBON RESISTOR 1/6W-47K-J	R745
467-1C347-H03	CARBON RESISTOR 1/6W-47K-J	R807
467-1C368-H03	CARBON RESISTOR 1/6W-68K-J	R173
467-1C410-H03	CARBON RESISTOR 1/6W-100K-J	R483
467-1C410-H03	CARBON RESISTOR 1/6W-100K-J	R802A
467-1C410-H03	CARBON RESISTOR 1/6W-100K-J	R803A
467-1C410-H03	CARBON RESISTOR 1/6W-100K-J	R582
467-1C415-H03	CARBON RESISTOR 1/6W-150K-J	R318
467-1C427-H03	CARBON RESISTOR 1/6W-270K-J	R174
467-1C456-H03	CARBON RESISTOR 1/6W-560K-J	R465
467-1DA27-H03	CARBON RESISTOR RT14-1/4W-2.7Ω-J	R468
467-1DA82-H03	CARBON RESISTOR RT14-1/4W-8.2Ω-J	R513
467-1D001-H03	CARBON RESISTOR RT14-1/4W-1Ω-J	R404
467-1D010-H03	CARBON RESISTOR RT14-1/4W-10Ω-J	R871
467-1D027-H03	CARBON RESISTOR RT14-1/4W-27Ω-J	R561
467-1D110-H03	CARBON RESISTOR RT14-1/4W-100Ω-J	R486
467-1D222-H03	CARBON RESISTOR RT14-1/4W-2.2K-J	R161
467-1D227-H03	CARBON RESISTOR RT14-1/4W-2.7K-J	R512
467-1D310-H03	CARBON RESISTOR RT14-1/4W-10K-J	R485
467-1D351-H03	CARBON RESISTOR RT14-1/4M-51K-J	R539A
467-1D356-H03	CARBON RESISTOR RT14-1/4W-56K-J	R539
467-1D433-H03	CARBON RESISTOR RT14-1/4W-330K-J	R942
467-2C322-G03	METAL RESISTOR 1/6W-22K-G	R482

471-2A56K-003	PEAKING COIL SPT0305-5R6K-5	L351
471-2010K-003	PEAKING COIL SPT0305-100K-5	L331
471-2010K-003	PEAKING COIL SPT0305-100K-5	L361
471-2010K-003	PEAKING COIL SPT0305-100K-5	L751
471-2010K-003	PEAKING COIL SPT0305-100K-5	L752
471-2010K-003	PEAKING COIL SPT0305-100K-5	L753
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M1
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M2
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M3
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M4
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M5
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M6
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M7
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M8
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M9
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M10
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M11
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M12
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M13
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M14
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M15
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M16
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M17
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M18
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M19
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M22
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M28
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M5A
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M23
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M24
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M25
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M26
895-6025030-50	RIVET GB876-86-2.5X3 COPPER	D3
895-6025030-50	RIVET GB876-86-2.5X3 COPPER	D4
998	JUMPER WIRE	W021
998	JUMPER WIRE	W022
998	JUMPER WIRE	W023
998	JUMPER WIRE	W101
998	JUMPER WIRE	W102
998	JUMPER WIRE	W155
998	JUMPER WIRE	W156
998	JUMPER WIRE	W161

998	JUMPER WIRE	W162
998	JUMPER WIRE	W163
998	JUMPER WIRE	W164
998	JUMPER WIRE	W167
998	JUMPER WIRE	W168
998	JUMPER WIRE	W169
998	JUMPER WIRE	W231
998	JUMPER WIRE	W241
998	JUMPER WIRE	W242
998	JUMPER WIRE	W243
998	JUMPER WIRE	W251
998	JUMPER WIRE	W252
998	JUMPER WIRE	W253
998	JUMPER WIRE	W254
998	JUMPER WIRE	W265
998	JUMPER WIRE	W266
998	JUMPER WIRE	W271
998	JUMPER WIRE	W312
998	JUMPER WIRE	W313
998	JUMPER WIRE	W331
998	JUMPER WIRE	W341
998	JUMPER WIRE	W342
998	JUMPER WIRE	W343
998	JUMPER WIRE	W344
998	JUMPER WIRE	W352
998	JUMPER WIRE	W353
998	JUMPER WIRE	W354
998	JUMPER WIRE	W356
998	JUMPER WIRE	W357
998	JUMPER WIRE	W358
998	JUMPER WIRE	W362
998	JUMPER WIRE	W363
998	JUMPER WIRE	W371
998	JUMPER WIRE	W372
998	JUMPER WIRE	W384
998	JUMPER WIRE	W391
998	JUMPER WIRE	W411
998	JUMPER WIRE	W421
998	JUMPER WIRE	W422
998	JUMPER WIRE	W431
998	JUMPER WIRE	W451
998	JUMPER WIRE	W452

998	JUMPER WIRE	W453
998	JUMPER WIRE	W455
998	JUMPER WIRE	W461
998	JUMPER WIRE	W462
998	JUMPER WIRE	W472
998	JUMPER WIRE	W473
998	JUMPER WIRE	W475
998	JUMPER WIRE	W476
998	JUMPER WIRE	W482
998	JUMPER WIRE	W491
998	JUMPER WIRE	W541
998	JUMPER WIRE	W542
998	JUMPER WIRE	W551
998	JUMPER WIRE	W552
998	JUMPER WIRE	W554
998	JUMPER WIRE	W561
998	JUMPER WIRE	W562
998	JUMPER WIRE	W563
998	JUMPER WIRE	W571
998	JUMPER WIRE	W581
998	JUMPER WIRE	W591
998	JUMPER WIRE	W621
998	JUMPER WIRE	W622
998	JUMPER WIRE	W642
998	JUMPER WIRE	W643
998	JUMPER WIRE	W652
998	JUMPER WIRE	W653
998	JUMPER WIRE	W654
998	JUMPER WIRE	W661
998	JUMPER WIRE	W662
998	JUMPER WIRE	W663
998	JUMPER WIRE	W664
998	JUMPER WIRE	W751
998	JUMPER WIRE	W752
998	JUMPER WIRE	W753
998	JUMPER WIRE	W754
998	JUMPER WIRE	W772
998	JUMPER WIRE	W773
998	JUMPER WIRE	W774
998	JUMPER WIRE	W775
998	JUMPER WIRE	W777
998	JUMPER WIRE	W781

998	JUMPER WIRE	W783
998	JUMPER WIRE	W784
998	JUMPER WIRE	W785
998	JUMPER WIRE	W786
998	JUMPER WIRE	W787
998	JUMPER WIRE	W791
998	JUMPER WIRE	W862
998	JUMPER WIRE	W871
998	JUMPER WIRE	W872
998	JUMPER WIRE	W873
998	JUMPER WIRE	W874
998	JUMPER WIRE	W875
998	JUMPER WIRE	W876
998	JUMPER WIRE	W877
998	JUMPER WIRE	W878
998	JUMPER WIRE	W879
998	JUMPER WIRE	W881
998	JUMPER WIRE	W981
998	JUMPER WIRE	R729
998	JUMPER WIRE	R737A
998	JUMPER WIRE	R312
998	JUMPER WIRE	W355
998	JUMPER WIRE	W454
998	JUMPER WIRE	R520
998	JUMPER WIRE	R581
998	JUMPER WIRE	R551
895-6016030-50	RIVET GB876-86 1.6X3 COPPER	M29
998	JUMPER WIRE	W262
998	JUMPER WIRE	W267
667-TK2026-05	KEY BOARD ASS'Y	
340-10055-90	LED HFT505M	VD601
352-38060-60	IC HRM138BB3006 (M)	RC601
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S901
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S902
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S903
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S904
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S905
360-10001-00	TACT SWITCH KFC-A06-4X4.5X5B	S906
459-2310R-00	CERAMIC CAPACITOR CT1-08-2F4-63V-103Z	C601
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	C602
467-1C033-H0	CARBON RESISTOR 1/6W-33Ω-J	R601

467-1C133-H0	CARBON RESISTOR 1/6W-330Ω-J	R602
467-1C156-H0	CARBON RESISTOR 1/6W-560Ω-J	R603
467-1C215-H0	CARBON RESISTOR 1/6W-1.5K-J	R901
467-1C218-H0	CARBON RESISTOR 1/6W-1.8K-J	R902
467-1C230-H0	CARBON RESISTOR 1/6W-3K-J	R903
467-1C230-H0	CARBON RESISTOR 1/6W-3K-J	R904
467-1C262-H0	CARBON RESISTOR 1/6W-6.2K-J	R905
467-1C318-H0	CARBON RESISTOR 1/6W-18K-J	R906
655-21201-62	*	X901
655-41201-201	(4-PINS) LEAD WITH HOUSING	X601
782-M2126-050A	BUTTON PCB	
877-60546-00	BUTTON	
877-60547-0H0	BUTTON COVER (SILVER WHITE 03)	
667-TK2150-29B	SIDE AV BOARD ASS'Y	
364-11205-00	EARPHONE JACK 3F27K	XV05
364-36101-00	6-PINS CONNECTORS TJC3-06A	XV04
364-93202-00	AV JACK AV306-2	XA01
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	CV01
464-6D647-M0	ELECTROLYTIC CAPACITOR CD110-16V-47uF-M	CV02
467-1D115-H0	CARBON RESISTOR RT14-1/4W-150Ω-J	RV01
467-1D115-H0	CARBON RESISTOR RT14-1/4W-150Ω-J	RV02
655-6E301-04	(6-PINS) LEAD WITH HOUSING	#XA03
655-61201-132	* (6-PINS) LEAD WITH HOUSING	XV03
782-M2150-290B	SIDE AV PCB	
808-6A786-02	AV BAFFLE (SILK-SCREEN)	
851-53010-31	SCREW SJ2825 ST3X10FT-D.Zn	
868-10043-00	WASHER (14X4X1 METAL)	
870-20843-40	SIDE AV BRACKET (MOLD GREY)	
998	JUMPER WIRE	LA01
998	JUMPER WIRE	LA02
998	JUMPER WIRE	JV01